

09-29-04

JFW

1742/\$

PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/866,463-Conf. #4951
	Filing Date	May 24, 2001
	First Named Inventor	Gregory J. Wilson
	Art Unit	1742
	Examiner Name	D. R. Valentine
Total Number of Pages in This Submission	Attorney Docket Number	291958157US3

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard SB08 (1 sheet) Cited References (34 enclosed)
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	PERKINS COIE LLP Steven D. Lawrenz - 37,376
Signature	
Date	9/28/04

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV528707954US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 9/28/04 Signature: Melody Almberg (Melody Almberg)



I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV528707954US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 9/28/04 Signature: Melody Almberg
(Melody Almberg)

Docket No.: 291958157US3
Client Ref No. P01-0031

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Gregory J. Wilson et al.

Application No.: 09/866,463

Confirmation No.: 4951

Filed: May 24, 2001

Art Unit: 1742

For: TUNING ELECTRODES USED IN A
REACTOR FOR ELECTROCHEMICALLY
PROCESSING A MICROELECTRONIC
WORKPIECE

Examiner: D. R. Valentine

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

10/01/2004 AADDF01 00000062 09866463

01 FC:1806

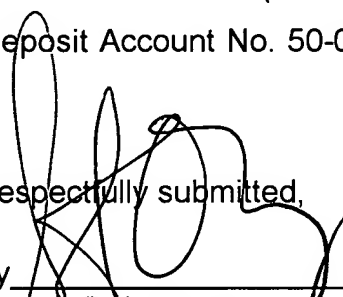
180.00 DP

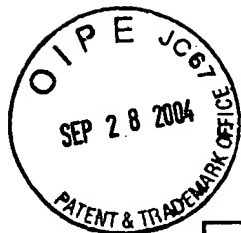
A copy of each reference on the PTO/SB/08 is attached, with the exception of the U.S. Pending Patent Applications, which have not been included due to recent Waiver of the Copy Requirement for Cited Pending U.S. Patent Applications.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 291958157US3.

Dated: 9/28/04

Respectfully submitted,

By 
Steven D. Lawrenz
Registration No.: 37,376
PERKINS COIE LLP
P.O. Box 1247
Seattle, Washington 98111-1247
(206) 359-8000
(206) 359-7198 (Fax)
Attorney for Applicant



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

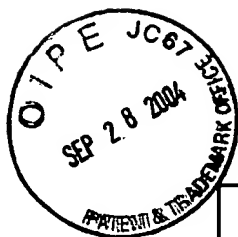
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/866,463-Conf. #4951
				Filing Date	May 24, 2001
				First Named Inventor	Gregory J. Wilson
				Art Unit	1742
				Examiner Name	D. R. Valentine
Sheet	1	of	2	Attorney Docket Number	291958157US3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-10/729,349		Klocke	
		US-10/729,357		Klocke	
		US-2001-0024611	09-27-2001	Daniel Woodruff	
		US-2001-0032788	10-25-2001	Daniel Woodruff	
		US-2001-0043856	11-22-2001	Daniel Woodruff	
		US-2002-0008036	01-24-2002	Hui Wang	
		US-2002-0008037	01-24-2002	Gregory Wilson	
		US-2002-0032499	03-14-2002	Gregory Wilson	
		US-2002-0046952	04-25-2002	Lyndon Graham	
		US-2002-0125141	09-12-2002	Gregory Wilson	
		US-2002-0139678	10-03-2002	Gregory Wilson	
		US-2003-0038035	02-27-2003	Gregory Wilson	
		US-2003-0062258	04-03-2003	Daniel Woodruff	
		US-2003-0070918	04-17-2003	Kyle Hanson	
		US-2003-0127337	07-10-2003	Kayle Hanson	
		US-2004-0031693	02-19-2004	Linlin Chen	
		US-2004-0055877	03-25-2004	Gregory Wilson	
		US-2004-0099533	05-27-2004	Gregory Wilson	
		US-4,287,029	09-01-1981	KOICHI SHIMAMURA	
		US-4,495,453	01-22-1985	HAJIMU INABA	
		US-4,760,671	08-02-1988	WILLIAM R. WARD	
		US-5,156,174	10-20-1992	RAYMON F. THOMPSON	
		US-5,314,294		TAKAO TANIGUCHI	
		US-6,143,155	01-01-2001	JOHN A. ADAMS	
		US-6,168,695	01-02-2001	DANIEL J. WOODRUFF	
		US-6,221,230	01-01-2001	HIROMITSU TAKEUCHI	
		US-6,365,729	01-01-2001	Sanjay Tyagi	
		US-6,481,956	11-19-2002	CHRISTOPHER A. HOFMEISTER	
		US-6,565,729	01-24-2002	Linlin Chen	
		US-6,569,297	06-27-2002	Gregory Wilson	
		US-6,660,137	01-24-2002	Gregory Wilson	
		US-6,699,373	08-15-2002	Daniel Woodruff	
		US-60/129,055		McHugh	
		US-60/143,769		McHugh	
		US-60/182,160		McHugh et al.	
		US-60/206,663		Wilson et al.	
		US-60/294,690		Gibbons et al.	
		US-60/316,597		Hanson	
		US-60/607,046		Klocke	
		US-60/607,460		Klocke	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
		WO-01/46910			
Examiner Signature				Date Considered	



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/866,463-Conf. #4951
				Filing Date	May 24, 2001
				First Named Inventor	Gregory J. Wilson
				Art Unit	1742
				Examiner Name	D. R. Valentine
Sheet	2	of	2	Attorney Docket Number	291958157US3

		WO-02/17203			
		WO-03/18874			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those patent(s) or publication(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(e)) because that application was filed after June 30, 2003. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		DUBIN, V.M., "Electrochemical Deposition of Copper for On-Chip Interconnects," Advanced MicroDevices	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--